

FIG. 1

Sketch of Droplet Formation & Ejection from Ink-Jet Printing Device

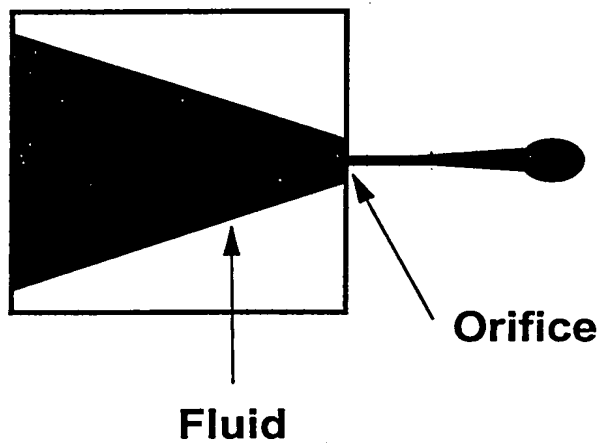


FIG. 2

LENS MATERIALS ISSUES

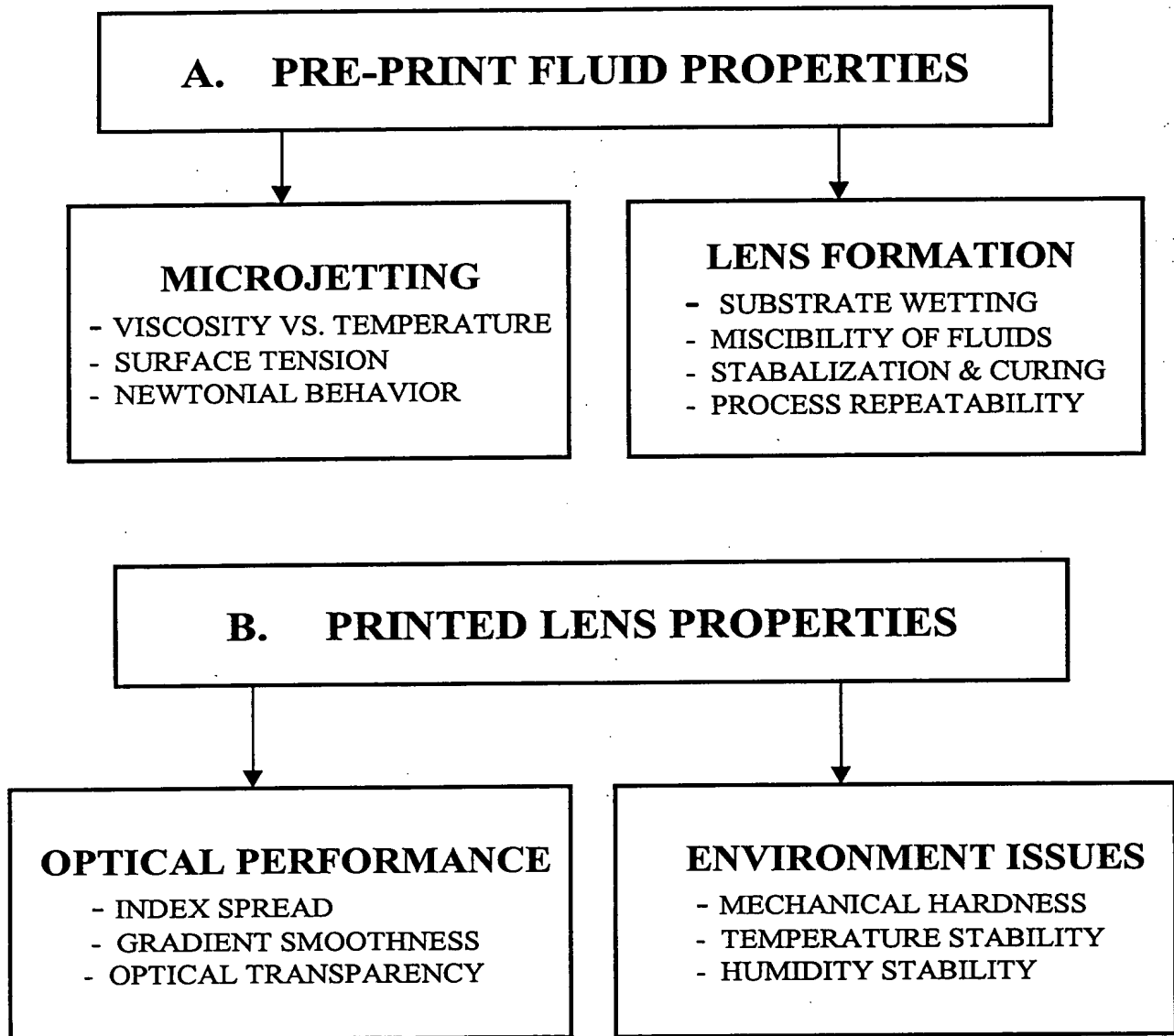
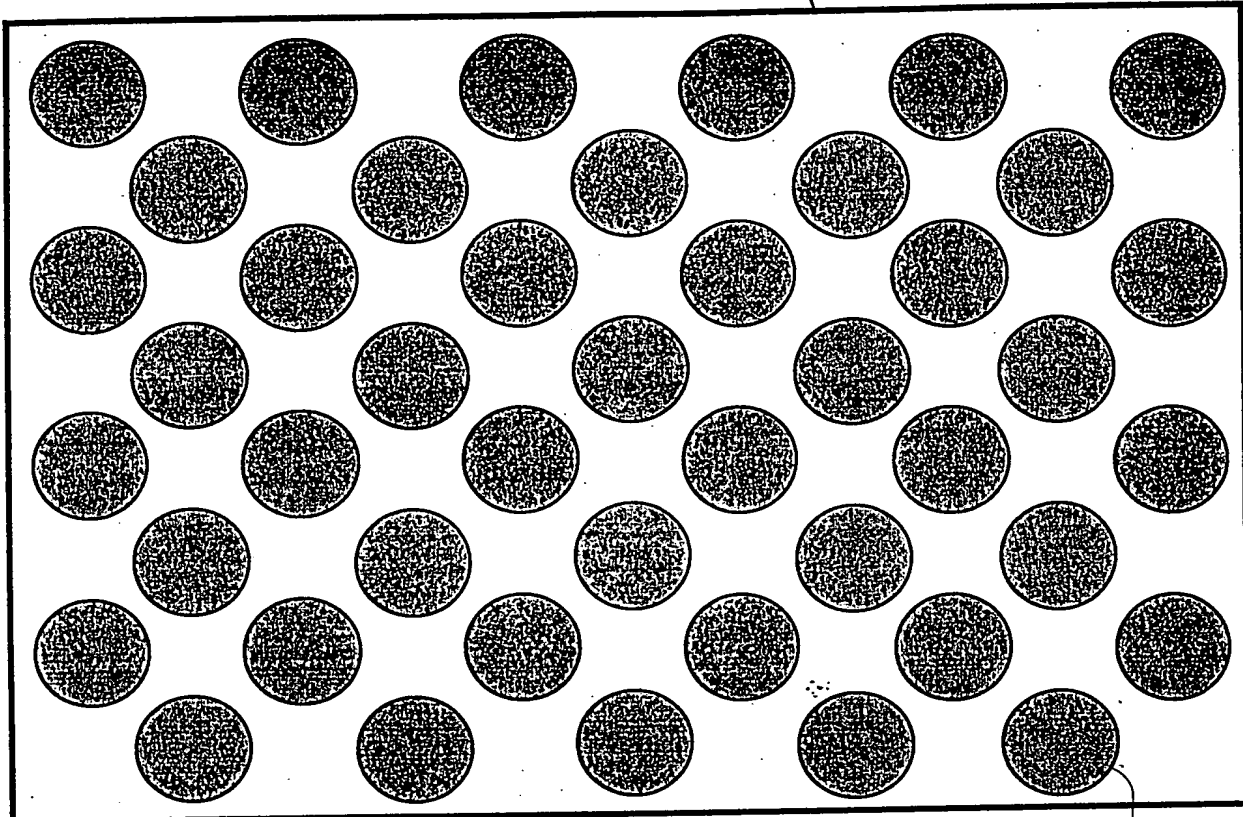


FIG. 12

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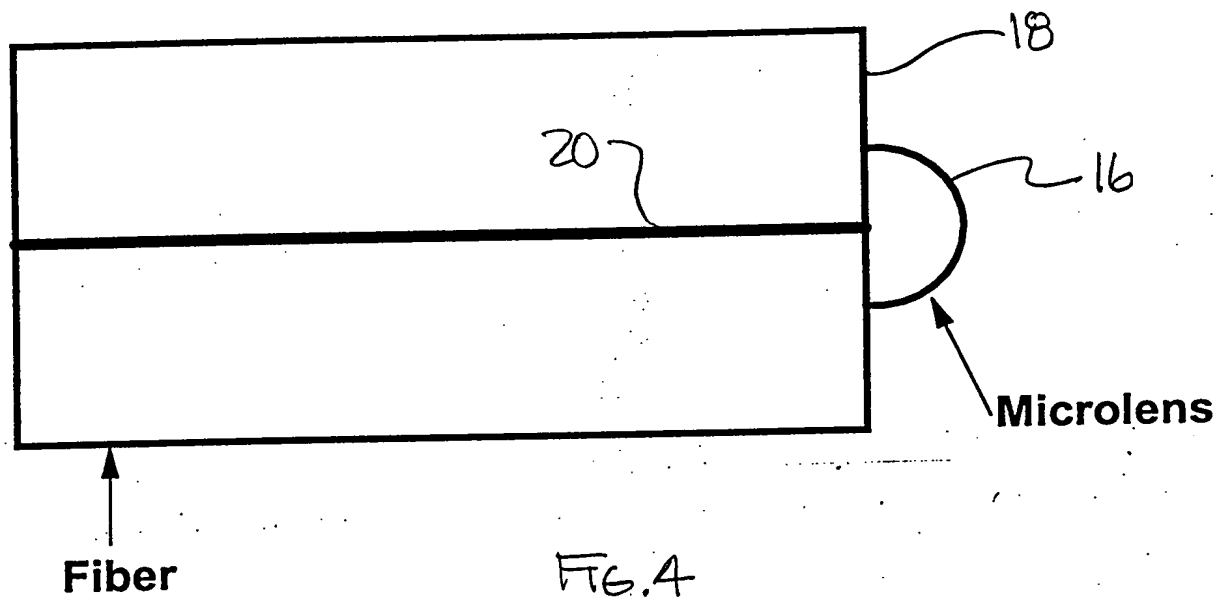


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FIG. 3

09782246.004204

Microlens Printed on Tip of Single-Mode Fiber to Increase Numerical Aperture



Print N1 Material (print head #1)

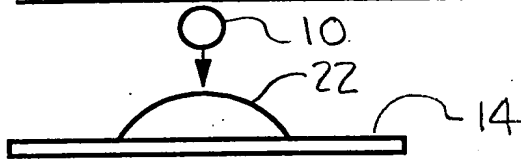


FIG. 5

Single-Index Lens

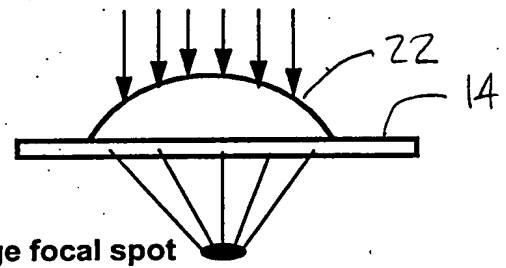


FIG. 8

Print N2 Material (print head #2)

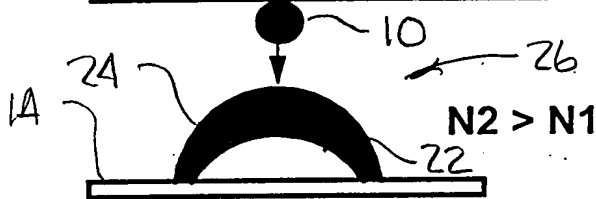


FIG. 6

Gradient-Index Lens

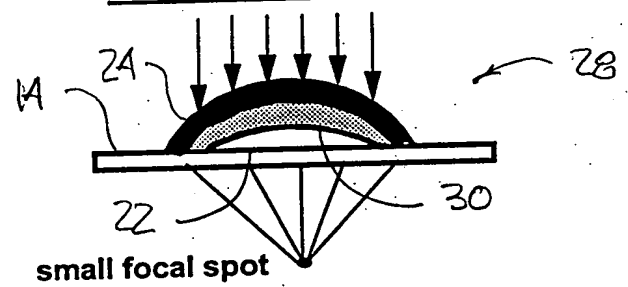


FIG. 9

Diffuse and UV-Cure

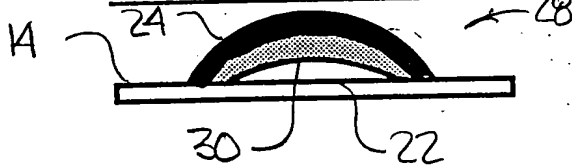


FIG. 7

FIG. 5, FIG. 6, FIG. 7, FIG. 8, FIG. 9

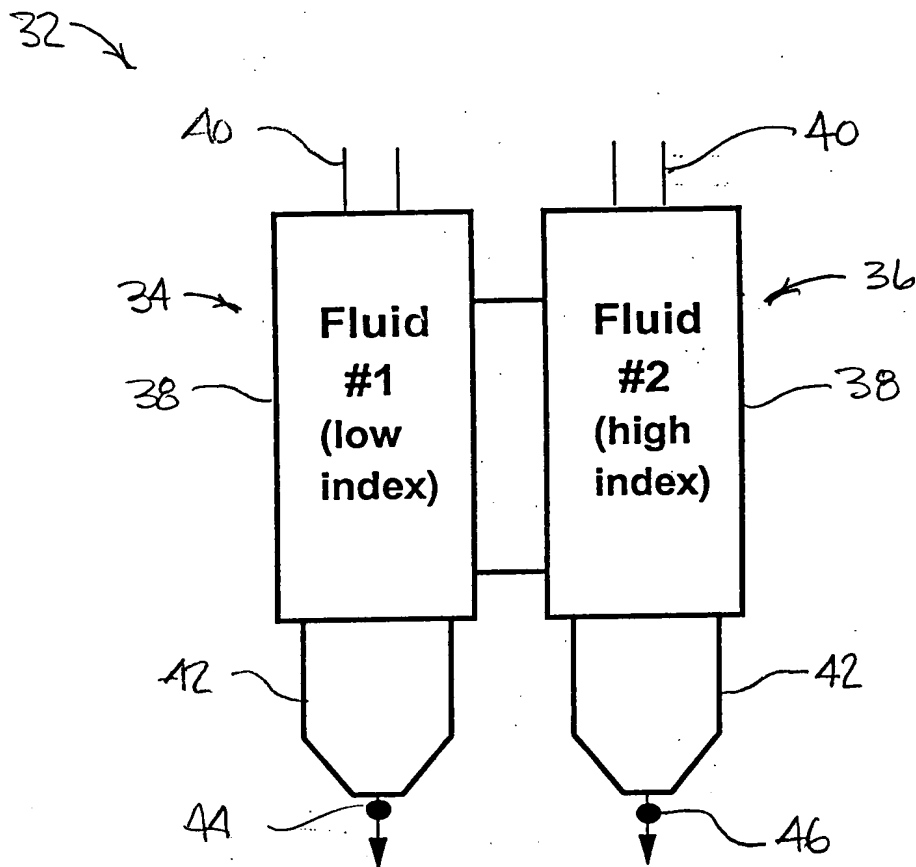


FIG. 10

TOP SECRET

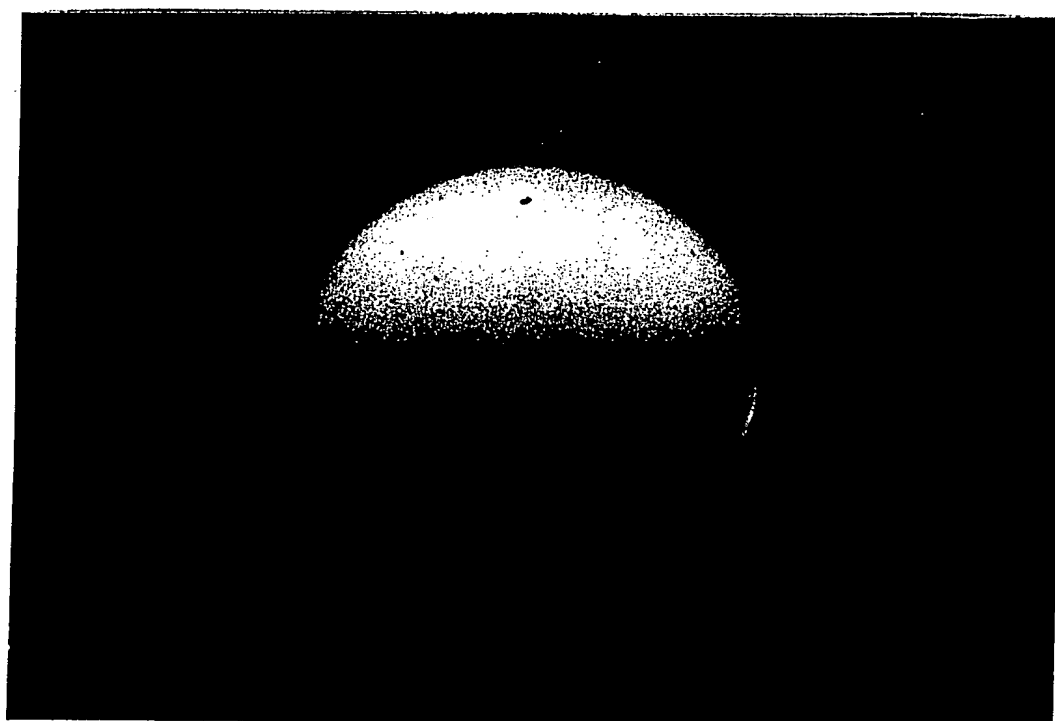


FIG. 11